



Lunenburg Board of Selectmen Meeting

Town of Lunenburg Stormwater Management Program

June 12, 2007



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Stormwater Team

Town of Lunenburg

- **Board of Selectmen**
- **Department of Public Works**
- **Planning and Permitting**
- **Employees, Residents, Businesses**

Earth Tech



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Regulatory History

- **Federal Water Pollution Control Act (Clean Water Act) Amendments (1987)**
 - Phase II (Promulgated on August 7, 1995) established permit application requirements for storm water discharges associated with:
 - Construction site activities disturbing greater than 1 acre and less than 5 acres.
 - Small municipal separate storm sewer systems (Small MS4s), those MS4s not regulated under Phase I.



Lunenburg's Permit Requirements

- Implement a Stormwater Management Plan including Six Minimum Control Measures
- Submit Annual Status/Progress Report
- Efforts must satisfy EPA or MADEP, if not monitoring may be required



Components of a Comprehensive Stormwater Management Program

Six Minimum Control Measures

1. Public Education and Outreach
2. Public Participation and Involvement
3. Illicit Discharge Detection and Elimination (IDDE) Plan
4. Construction Site Runoff Control
5. Post-Construction Site Runoff Control
6. Pollution Prevention and Good Housekeeping



Lunenburg's Stormwater Program

EPA requires full implementation of MS4's stormwater plan within permit timeline –

March 2008

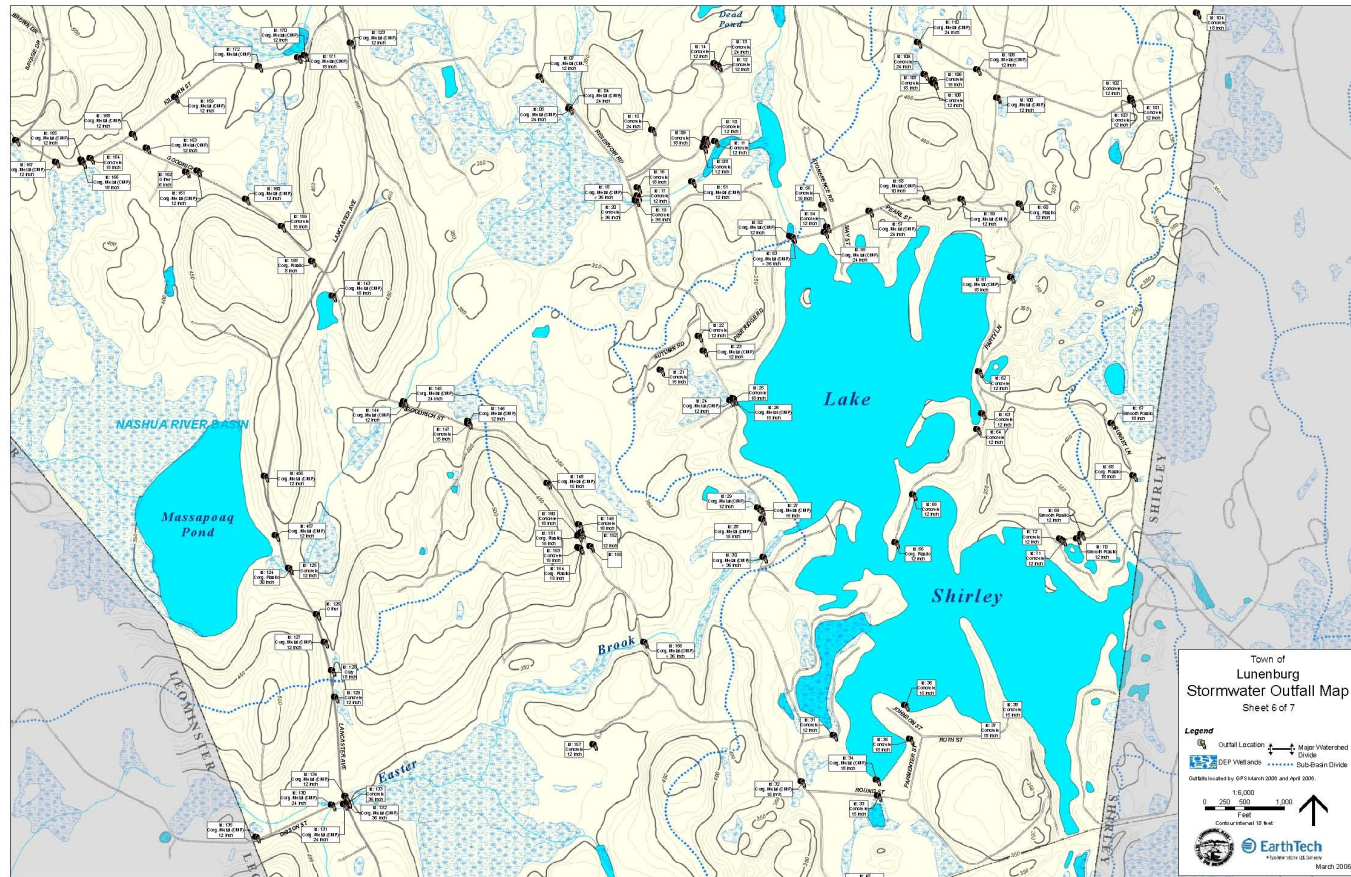


FY07 Stormwater Efforts

- Map of Storm Sewer Outfalls
- Inventory of Storm Sewer System
- Storm Sewer Attribute Data
- Location of Potential Problem Outfalls
- Recommended Program for Identifying and Removing Illicit Discharges
- Recommended Bylaws
- Final Report and Public Presentation



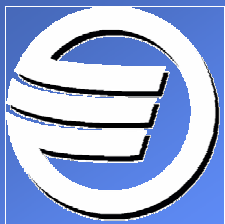
Storm Sewer System Map





Dry Weather Inspections Areas of Concern Map





Project Summary

Structure Type	Total	Dry Weather Flow	Sediment	Stain	Sheen	Vegetative Growth	Follow-up Needed
Outfall	401	32	135	6		9	129
Manhole	15	9	5	1			
Drop Inlet	14		10				1
Culvert	181	53	52		1	5	10
Catch Basin	72	8	60				2
Total	683	102	262	7	1	14	142



Permit Year 5

- **Continue Mapping and Inspecting Storm Sewer System**
- **Implement Plan to Identify and Remove Illicit Discharges**
- **Adopt Bylaws Prohibiting Illicit and Illegal Discharges**
- **Adopt Bylaws Regulating Stormwater Management at Construction Sites > One Acre**



Stormwater 2008

- **March 2008 Deadline for Current Permit Compliance**
- **New March 2008 Permit issued by EPA**
- **EPA is promulgating rules that will hold MS4s to a higher level of compliance**